Please type a sign (+) inside this box ┼ PTO/SB/05 (08-00)

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR ' 1.53(b))

Attorney Docket No.	**PZ010P2**
First Inventor	**Fischer, et al.**
Title	**123 Human Secreted Proteins**
Express Mail Label No.	

ADDRESS TO: Assistant Commissioner for Patents / Box Patent Application / Washington, DC 20231

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (*e.g.*, PTO/SB/17)
   (Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status. See 37 CFR 1.27.

3. ☒ Specification [Total Pages **976**]
   (preferred arrangement set forth below)
   - Descriptive title of the Invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]

5. ☒ Unexecuted Declaration [Total Pages **3**]
   a. ☐ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63(d))
      (for continuation/divisional with Box 17 completed)
   i. ☐ DELETION OF INVENTOR(S)
      Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR ' ' 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76. (8 pages)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission
   (if applicable, all necessary)
   a. ☒ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☒ paper (460 pages)
   c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet and document(s))

10. ☐ 37 CFR 3.73(b) Statement   ☐ Power of Attorney

11. ☐ English Translation Document (*if applicable*)

12. ☐ Information Disclosure Statement/ Form PTO/SB/08
    ☐ Copies of Citations

13. ☐ Preliminary Amendment

14. ☐ Return Receipt Postcard (MPEP 503)
    (should be specifically itemized)

15. ☐ Certified copy of Priority Document(s)
    (if foreign priority is claimed)

16. ☐ Other:

17. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*

☒ See Application Data Sheet for priority information ☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No:
Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

18. CORRESPONDENCE ADDRESS

☒ *Customer Number or Bar Code Label* [**22195**] *or* ☐ *Correspondence address below*

NAME	
ADDRESS	

CITY		STATE		ZIP CODE	
COUNTRY		TELEPHONE		FAX	

NAME (Print/Type)	Janet M. Martineau	Registration No. (Attorney/Agent)	46,903
SIGNATURE	*Janet M. Martineau*	Date	OCTOBER 10 2001

FEE TRANSMITTAL
for FY 2002
(Substitute form)

Patent fees are subject to annual revision.

Complete if Known	
Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Fischer, *et al.*
Examiner Name	Unassigned
Group Art Unit	Unassigned

Total amount of payment	**$ 896.00**	Attorney Docket Number	PZ010P2

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-3425**

Deposit Account Name **Human Genome Sciences, Inc.**

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ **Payment Enclosed:**
 ☐ Check ☐ Credit Card ☐ Money Order ☐ Other*

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) **$740.00**

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	24 -20*	4	$18.00	$72.00
Independent Claims	4 -3*	1	$84.00	$84.00
Multiple Dependent			$280.00	

Large Entity		Small Entity		
Fee Code	Fee ($)	Fee Code	Fee ($)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
108	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **$ 156.00**

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
142	1,280	242	640	Utility issue fee (or reissue)	
195	300	195	300	Publication fee for early, voluntary, or normal publication	
179	740	279	370	Request for Continued Examination (RCE)	
098	130	098	130	Processing fee, except in provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
123	50	123	50	Processing fee for provisional applications	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
145	100	145	100	Certificate of correction	
147	2,520	147	2,520	Request for *ex parte* reexamination	
099	8,800	099	8,800	Request for *inter partes* reexamination	
148	110	248	55	Statutory disclaimer	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
122	130	122	130	Petitions to the Commissioner	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,280	241	640	Petition to revive unintentionally abandoned application	
091	1,280	091	1,280	Acceptance of an unintentionally delayed claim for priority	
561	3	561	3	Printed copy of patent, regular service	
581	40	481	40	Recording each patent assignment per property (times number of properties)	

Other fee (specify):

Other fee (specify):

Other fee (specify):

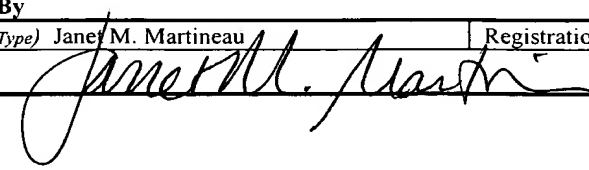* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **$0.00**

Submitted By

	Complete *(if applicable)*
Name *(Print/Type)* Janet M. Martineau	Registration No.: 46,903	Telephone	301-315-2723
Signature:	Date: OCTOBER 10, 2001